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Batch-A1

Rollno-07

Assignment no-2

Title- Implement SQLDDL statements which demonstrate the use of SQL objects such as Table, View, Index, Sequence, different constraints etc with suitable example

```
create table employees (e_id integer primary key , person_name varchar(60) ,city integer,street
varchar(60));
```

```
desc employees;
```

```
create table works(w_id integer, company_name varchar(60) ,city varchar(20),street varchar(60));
```

```
desc works;
```

```
create table company(company_name varchar(60) ,city varchar(20));
```

```
desc company;
```

```
create table manages(id integer ,manager_id integer);
```

```
desc manages;
```

```
alter table works add salary integer;
```

```
desc works;
```

```
alter table employees modify city varchar(60);
```

```
desc employees;
```

```
alter table employees drop column street;
```

```
alter table manages rename column manager_id to manager;
```

```
rename company to CMP;
```

```
desc CMP;
```

```
drop table manages;
```

```
desc manages
```

```
create table employee(empno integer primary key ,empname varchar(20), designation varchar(20), city
varchar(10), salary integer, zipcode integer, country varchar(20));
```

```
create index index_no on employee (country);
```

```
desc employee
```

```
create sequence empno start with 100 increment by 1
```

```
insert into employee values (empno.nextval,'chetan' , 'manager', 'nashik', 25000, 422005, 'india')
```

```
insert into employee values (empno.nextval,'pranav' , 'devloper', 'mumbai', 30000, 400001, 'india')
```

```
select * from employee where salary<50000 and city='nashik'
```

OUTPUT

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Schema LAHITKAR

☒ Autocommit
 Rows

Save

Run

```

create table employees (e_id integer primary key , person_name varchar(60) ,city integer,street varchar(60));
desc employees;
create table works(w_id integer, company_name varchar(60) ,city varchar(20),street varchar(60));
desc works;
create table company(company_name varchar(60) ,city varchar(20));
desc company;
create table manages(id integer ,manager_id integer);
desc manages;
alter table works add salary integer;
desc works;
alter table employees modify city varchar(60);
desc employees;
alter table employees drop column street;
alter table manager rename column manager_id to manager;
rename company to CMP;
desc CMP;
drop table manages;
desc manages;
          
```

Results Explain Describe Saved SQL History

Object Type

TABLE

Object

WORKS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
WORKS	W_ID	NUMBER	22	-	0	-	✓	-	-
	COMPANY_NAME	VARCHAR2	60	-	-	-	✓	-	-
	CITY	VARCHAR2	20	-	-	-	✓	-	-
	STREET	VARCHAR2	60	-	-	-	✓	-	-
	SALARY	NUMBER	22	-	0	-	✓	-	-

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